

10 Recd PCT/PTO 07 JUL 2004

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/00564

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K9/14 A61K31/337

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used).

EP0-Internal, WPI Data, MEDLINE, BIOSIS, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 57852 A (DANG WENBIN ;GARVER ROBERT I JR (US); GUILFORD PHARM INC (US)) 5 October 2000 (2000-10-05) the whole document ---	1-24
X	WO 00 41678 A (DANG WENBIN ;GUILFORD PHARM INC (US)) 20 July 2000 (2000-07-20) the whole document ---	1-24
X	WO 98 44021 A (GUILFORD PHARM INC ;UNIV JOHNS HOPKINS MED (US)) 8 October 1998 (1998-10-08) cited in the application the whole document --- -/--	1-24

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

28 July 2003

Date of mailing of the international search report

26.08.03

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pinheiro Vieira, E

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 03/00564

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 44020 A (GUILFORD PHARM INC ;UNIV JOHNS HOPKINS MED (US)) 8 October 1998 (1998-10-08) cited in the application the whole document ---	1-24
X	WO 98 48859 A (GUILFORD PHARM INC ;UNIV JOHNS HOPKINS MED (US)) 5 November 1998 (1998-11-05) cited in the application the whole document ---	1-24
X	HARPER E ET AL: "ENHANCED EFFICACY OF A NOVEL CONTROLLED RELEASE PACLITAXEL FORMULATION (PACLIMER DELIVERY SYSTEM) FOR LOCAL-REGIONAL THERAPY OF LUNG CANCER TUMOR NODULES IN MICE" CLINICAL CANCER RESEARCH, THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, US, vol. 5, no. 12, December 1999 (1999-12), pages 4242-4248, XP000900829 ISSN: 1078-0432 the whole document ---	1-24
Y	WEN J ET AL: "NEW BIODEGRADABLE POLYMER FOR DRUG DELIVERY SYSTEM POLY(D,L-LACTIDE-CO-ETHYL ETHYLENE PHOSPHATE)" PROCEEDINGS OF THE INTERNATIONAL SYMPOSIUM ON CONTROLLED RELEASE BIOACTIVE MATERIALS, XX, XX, no. 27, 7 July 2000 (2000-07-07), pages 664-665, XP001094451 ISSN: 1022-0178 the whole document ---	1-24
Y	GUTMAN R L ET AL: "Targeted drug delivery for brain cancer treatment" JOURNAL OF CONTROLLED RELEASE, ELSEVIER SCIENCE PUBLISHERS B.V., AMSTERDAM, NL, vol. 65, no. 1-2, March 2000 (2000-03), pages 31-41, XP004190308 ISSN: 0168-3659 the whole document ---	1-24
P,X	WO 02 30472 A (DANG WENBIN ;LEONG KAM W (US); WILLIAMS J A (US); GUILFORD PHARM I) 18 April 2002 (2002-04-18) the whole document ---	1-24
P,X	WO 02 03957 A (DANG WENBIN ;GUILFORD PHARM INC (US)) 17 January 2002 (2002-01-17) the whole document ---	1-24
-/--		

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 03/00564

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 03 007914 A (DANG WENBIN ; LAPIDUS RENA (US); VINCEK WILLIAM (US); GUILFORD PHAR) 30 January 2003 (2003-01-30) the whole document ---	1-24
E	WO 03 007915 A (DANG WENBIN ; HILT DANA (US); GUILFORD PHARM INC (US)) 30 January 2003 (2003-01-30) the whole document -----	1-24

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 03/00564

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claims 1-23 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the composition.

Continuation of Box I.1

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 03/00564

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0057852 A	05-10-2000	US 6537585 B1	25-03-2003
		AU 3762500 A	16-10-2000
		BR 0009213 A	16-04-2002
		CA 2368621 A1	05-10-2000
		CN 1367684 T	04-09-2002
		CZ 20013260 A3	16-01-2002
		EP 1185249 A2	13-03-2002
		HU 0201436 A2	28-09-2002
		JP 2002540137 T	26-11-2002
		NO 20014662 A	20-11-2001
		TR 200102801 T2	22-04-2002
		WO 0057852 A2	05-10-2000
WO 0041678 A	20-07-2000	US 6350464 B1	26-02-2002
		AU 2059100 A	01-08-2000
		BR 9916881 A	07-05-2002
		CA 2359109 A1	20-07-2000
		CN 1337878 T	27-02-2002
		CZ 20012416 A3	14-11-2001
		EP 1140028 A1	10-10-2001
		HU 0202670 A2	28-11-2002
		JP 2002534456 T	15-10-2002
		NO 20013402 A	11-09-2001
		TR 200102012 T2	21-01-2002
		WO 0041678 A1	20-07-2000
		US 2003138493 A1	24-07-2003
		US 2001038849 A1	08-11-2001
WO 9844021 A	08-10-1998	AU 741145 B2	22-11-2001
		AU 6945098 A	22-10-1998
		BR 9809064 A	02-01-2002
		CN 1256700 T	14-06-2000
		EP 0973818 A1	26-01-2000
		HU 0001256 A2	28-01-2002
		JP 2001519842 T	23-10-2001
		NO 994802 A	03-12-1999
		NZ 500649 A	25-05-2001
		US 6322797 B1	27-11-2001
		WO 9844021 A1	08-10-1998
		US 2002091230 A1	11-07-2002
WO 9844020 A	08-10-1998	AU 742110 B2	20-12-2001
		AU 6944998 A	22-10-1998
		BR 9809390 A	13-06-2000
		CN 1107687 B	07-05-2003
		EP 0971969 A1	19-01-2000
		HU 0001412 A2	28-08-2000
		JP 2001521561 T	06-11-2001
		NO 994803 A	03-12-1999
		NZ 500674 A	01-02-2002
		US 2002151617 A1	17-10-2002
		US 6166173 A	26-12-2000
		WO 9844020 A1	08-10-1998
		US 6376644 B1	23-04-2002
WO 9848859 A	05-11-1998	AU 749644 B2	27-06-2002
		AU 7177198 A	24-11-1998
		BR 9809017 A	02-01-2002

INTERNATIONAL SEARCH REPORT
Information on patent family members

Intel International Application No
PCT/US 03/00564

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9848859	A	CN 1258221 T EP 0980269 A1 HU 0001299 A2 JP 2002500640 T NO 995301 A NZ 501184 A PL 336596 A1 TR 9902693 T2 US 2002137814 A1 US 6403675 B1 WO 9848859 A1	28-06-2000 23-02-2000 28-05-2001 08-01-2002 30-12-1999 28-08-2002 03-07-2000 21-04-2000 26-09-2002 11-06-2002 05-11-1998
WO 0230472	A	18-04-2002 AU 1533302 A WO 0230472 A2 US 2002198135 A1	22-04-2002 18-04-2002 26-12-2002
WO 0203957	A	17-01-2002 AU 7031001 A WO 0203957 A2 US 2002041897 A1	21-01-2002 17-01-2002 11-04-2002
WO 03007914	A	30-01-2003 WO 03007914 A2 US 2003133903 A1	30-01-2003 17-07-2003
WO 03007915	A	30-01-2003 WO 03007915 A2 US 2003134892 A1	30-01-2003 17-07-2003